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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Charles J. Davidson, Gil M. Vardi, Eric Williams
Application No.: 09/663111
Filed: September 15, 2000
For: Catheter with Side Sheath and Methods
Examiner: Paul Prebilic
Group Art Unit: 3738

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Docket No: S63.2H-12013-US01

REVOCATION OF POWER OF ATTORNEY AND
APPOINTMENT OF NEW ATTORNEY

I hereby revoke all powers of attorney or authorizations of agent previously given in the above identified application and I hereby appoint all practitioners of Customer Number 490 to prosecute and transact all business in the Patent and Trademark office connected therewith.

Please address all future correspondence to James M. Urzedowski at Customer Number 490.

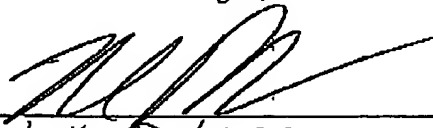
I am the:

- ☐ Applicant/Inventor
- ☒ Assignee of Record of the entire interest.
Certificate Under 37 CFR 3.73(b) is enclosed.

Respectfully submitted,

Advanced Stent Technologies, Inc.

Date: 7/22/05

By: 
Name: Luke Dehmen
Title: VP + Chief Patent Counsel,
Cardiovascular

BEST AVAILABLE COPY

**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE
REGARDING CERTAIN PATENT MATTERS
EFFECTIVE THROUGH: December 31, 2005**

I, Paul W. Sandman, as Executive Vice President, Secretary, and General Counsel of Boston Scientific Corporation, the controlling corporation of:

Advanced Bionics Corporation; Advanced Stent Technologies, Inc.; AMS Medinvent S.A.; BEI Medical Systems; BEI Medical Systems Operating Company (formerly known as Xylog Corporation); BEI Medical Systems International, Inc.; Boston Scientific BV; Boston Scientific Corporation Northwest Technology Center, Inc.; Boston Scientific Ireland Limited; Boston Scientific Japan KK; Boston Scientific Limited; Boston Scientific Scimed, Inc. (formerly known as Schneider (USA), Inc.); Boston Scientific Scimed, Inc. (formerly known as Scimed Life Systems, Inc.); Cardiac Pathways Corporation; Cardiovascular Innovations Canada, Inc.; Catheter Innovations Corp.; Corvita Canada, Inc.; Corvita Corporation; Corvita Europe S.A.; Embolic Protection, Inc.; Enteric Medical Technologies, Inc.; EP Technologies, Inc.; Heart Technologies; Inflow Dynamics Inc.; Interventional Technologies, Inc.; Laboratoires Corvita S.A.R.L.; Meadox Medicals, Inc.; NAMIC Eireann Limited; NAMIC International, Inc.; Nilo Holding, S.A.; Precision Vascular Systems, Inc.; Prohold Medical Corporation; Prohold Technologies, Inc.; Provasis Therapeutics, Inc.; Quantum Corporation; Radio Therapeutics Corporation; Rubicon Medical Corporation; Schneider (Europe) GmbH; Schneider Belgium NV; Schneider Holland BV; Schneider Ireland BV; Schneider Puerto Rico (formerly known as NAMIC Caribe, Inc.); Schneider/NAMIC; Scimed Life Systems, Inc.; Smart Therapeutics, Inc.; Sub-Q, Inc.; Symbiosis Corporation; Target Therapeutics, Inc.; TriVascular, Inc.; and Vesica;

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent entities, (2) to execute power of attorney documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, in any foreign or international patent applications filed with any foreign and/or international patent offices, and (3) to execute assignment and ownership documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent offices:


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Paul W. Sandman
Executive Vice President, Secretary, and General Counsel

05/16/05
Date

COMMONWEALTH OF MASSACHUSETTS)
) ss.
COUNTY OF MIDDLESEX)

On this 16th day of May, 2005 before me personally appeared Paul W. Sandman to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.


Nonna E. Hurd
NOTARY PUBLIC
My commission expires Sept 18, 2009

(Not Limited Authorization)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Charles J. Davidson, Gil M. Vardi, Eric Williams
Application No.:	09/663111
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Group Art Unit:	3738

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Docket No.: S63.2H-12013-US01

ASSIGNEE'S STATEMENT OF OWNERSHIP 37 CFR 3.73(B)

Advanced Stent Technologies, a corporation is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

A. ☐ An assignment from the inventor(s) of the patent application identified above. A photocopy of the Assignment is enclosed. The original Assignment is being mailed to Assignment Branch for recording.

OR

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From : Charles J. Davidson, Gil M. Vardi and Eric Williams
To: Advanced Stent Technologies, Inc.
The document was recorded in the Patent and Trademark Office at Reel 011495, Frames 0149-0153, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

Application No. 09/663111
Page 2

Amendment
Attorney Docket No. S63.2H-12013-US01

The undersigned is empowered to sign this statement of ownership
certificate on behalf of the assignee.

Respectfully submitted,

VIDAS, ARRETT & STEINKRAUS

Date: July 22, 2005

By: _____


James M. Urzedowski
Registration No.: 48596

6109 Blue Circle Drive, Suite 2000
Minnetonka, MN 55343-9185
Telephone: (952) 563-3000
Facsimile: (952) 563-3001
E:\work\jmu\12013us01_sta_20050722.doc

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Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 19, 2001

APR 23 2001

PTAS

TOWNSEND AND TOWNSEND AND CREW LLP
DARIN J. GIBBY
1200 SEVENTEENTH STREET
SUITE 2700
DENVER, CO 80202



101610566A

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REEL/FRAME: 011495/0149
NUMBER OF PAGES: 5

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ASSIGNOR:
DAVIDSON, CHARLES J.

DOC DATE: 12/14/2000

ASSIGNOR:
VARDI, GIL M.

DOC DATE: 01/08/2001

ASSIGNOR:
WILLIAMS, ERIC

DOC DATE: 12/12/2000

ASSIGNEE:
ADVANCED STENT TECHNOLOGIES, INC.
7026 KOLL CENTER PARKWAY
PLEASANTON, CALIFORNIA 94566SERIAL NUMBER: 09663111
PATENT NUMBER:FILING DATE: 09/15/2000
ISSUE DATE:

011495/0149 PAGE 2

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
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FORM PTO-1619A
Expires 06/30/99
OMR 0651-0027

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Name (line 1) Charles J. Davidson

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Month Day Year
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Name (line 2)

Second Party

Name (line 1) Gil M. Vardi

Execution Date
Month Day Year
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Name (line 2)

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☐ Mark if additional names of receiving parties attached

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Address (line 1) Townsend and Townsend and Crew LLP

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Address (line 3) Suite 2700

Address (line 4) Denver, Colorado 80202

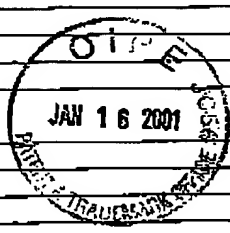
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<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 40%; text-align: center;">Patent Application Number(s)</td><td style="width: 60%; text-align: center;">Patent Number(s)</td></tr><tr><td><div style="display: flex;"><div style="border: 1px solid black; padding: 2px; margin-right: 5px;">09/663,111</div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div></td><td><div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div></td></tr><tr><td><div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div></td><td><div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div></td></tr><tr><td><div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div></td><td><div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div></td></tr></table>			Patent Application Number(s)	Patent Number(s)	<div style="display: flex;"><div style="border: 1px solid black; padding: 2px; margin-right: 5px;">09/663,111</div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div>	<div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div>	<div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div>	<div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div>	<div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div>	<div style="display: flex;"><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div><div style="border: 1px solid black; width: 80px; height: 15px;"></div></div>		
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<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%;">Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.</td><td style="width: 15%;">PCT </td><td style="width: 15%;">PCT </td><td style="width: 15%;">PCT </td><td style="width: 25%;"></td></tr><tr><td></td><td>PCT </td><td>PCT </td><td>PCT </td><td></td></tr></table>			Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT 	PCT 	PCT 			PCT 	PCT 	PCT 	
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<div style="display: flex; justify-content: space-between;"><div style="width: 30%;">Darin J. Gibby</div><div style="width: 30%; text-align: center;"></div><div style="width: 30%; text-align: right;">7/14/05</div></div>												
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Patent Application Number(s)			
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DE 7030880 v1

JAN 16 2001

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/663,111
	Filing Date	September 15, 2000
	First Named Inventor	Charles J. Davidson
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	019801-000320US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
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Firm or Individual name	Darin J. Gibby	
Signature		
Date	1/11/01	

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Typed or printed name	Connie Larson	
Signature		Date Jan 11, 2001

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Patent fees are subject to annual revision.

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Application Number	09/883,111
Filing Date	September 15, 2000
First Named Inventor	Charles J. Davidson
Examiner Name	
Group / Art Unit	
Attorney Docket No.	019601-000320Us

TOTAL AMOUNT OF PAYMENT (\$ 40

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

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Account
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- Under 37 CFR 1.16 and 1.17
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- ☒
- Applicant claims small entity status.
-
- See 37 CFR 1.27

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- ☐
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☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

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106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

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(\$ 0)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20**	0	9	0
Independent Claims	3**	40	0
Multiple Dependent			0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES				Fee Description	Fee Paid
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	650	217	445	Extension for reply within third month	
118	1,390	218	895	Extension for reply within fourth month	
128	1,680	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Sheet	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

SUBMITTED BY

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Registration No. A (Attorney/Agent)

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Telephone

(303) 571-4000

Signature

Date

1/1/01

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Attorney Docket No.: 19601-000320US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Charles J. Davidson, of 1311 Sunview Lane, Winnetka, Illinois, 60093, Gil M. Vardi of 14203 Stifel Lane Court, Town and Country, Missouri 63017 and Eric Williams of 2068 Davis Drive, Fairfield, California 94533, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CATHETER WITH SIDE SHEATH AND METHODS

Date(s) of execution of Declaration:

Filing Date: September 15, 2000

Application No.: 09/663111; and

WHEREAS, Advanced Stent Technologies, inc., of 7026 Koll Center Parkway, Pleasanton, California, 94566, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

Charles J. Davidson

Dated: _____

Gil M. Vardi

Dated: 12-12-00

Eric Williams

Jan 09 01 07:47a

Gil Vardi

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P.2

JAN. 3.2001 3:06PM

NO. 143 P.3

Attorney Docket No. 19601-000320US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Charles J. Davidson, of 1311 Sunview Lane, Winnetka, Illinois, 60093, Gil M. Vardi of 14203 Stifel Lane Court, Town and Country, Missouri 63017 and Eric Williams of 2068 Davis Drive, Fairfield, California 94533, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CATHETER WITH SIDE SHEATH AND METHODS

Date(s) of execution of Declaration:

Filing Date: September 13, 2000

Application No.: 09/663111; and

WHEREAS, Advanced Stent Technologies, Inc., of 7026 Koll Center Parkway, Pleasanton, California, 94566, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 12/14/00

Charles J. Davidson

Dated: 1/8/2001

Gil M. Vardi

Dated: _____

Eric Williams

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